

Converting Colors

CIELCh(46, 8.941, 311.983)

Have a look what the booklet for
CIELCh(46, 8.941, 311.983) contains.

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Color

CIELCh(46, 8.956, 311.988)

Conversions

Conversions Part 1

Format	Color
Hex	726A78
RGB	114, 106, 120
RGB Percent	45%, 42%, 47%
CMY	0.5526, 0.5839, 0.5290
CMYK	0.05, 0.12, 0.00, 0.53
HSL	274°, 6%, 44%
HSV	274°, 12%, 47%
XYZ	15.5105, 15.2687, 19.9283
YIQ	109.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

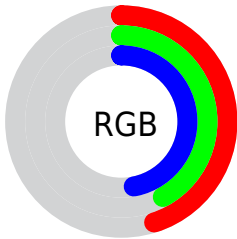
Format	Color
R _Y B	114, 106, 120
Decimal	7498360
CIE Lab	46.00, 5.99, -6.66
CIE LCh	46, 8.956, 311.988
Yxy	15.2687, 0.3059, 0.3011
Android (android.graphics.Color)	4285688440 (0xFF726A78)
YUV	109.9880, 4.9359, 3.5185
Hunter-Lab	39.0751, 2.4725, -2.8853

Details

The CIELCh color **46, 8.956, 311.988** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 8.837, 131.058**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 9.017, 312.827**, and **26, 9.083, 311.111** is the 20% darker color. If you saturate the color by 10%, you get **42, 16.832, 312.429**, and if you desaturate by 10%, it is **50, 1.262, 311.511**.

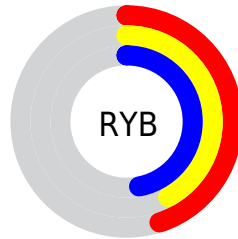
Distribution



Red (45%)

Green (42%)

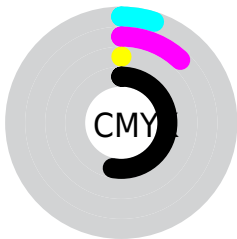
Blue (47%)



Red (45%)

Yellow (42%)

Blue (47%)

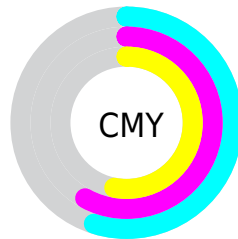


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 8.956, 311.988 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 46, 8.956, 311.988 by changing the saturation by 10% instead.

■ 46, 8.956, 311.988

■ 46, 8.956, 311.988

■ 100, 8.956,
311.988

■ 36, 8.956, 311.988

■ 66, 8.956, 311.988

■ 26, 8.956, 311.988

■ 76, 8.956, 311.988

■ 16, 8.956, 311.988

■ 86, 8.956, 311.988

■ 6, 8.956, 311.988

■ 96, 8.956, 311.988

■ 0, 8.956, 311.988

■ 46, 8.956, 311.988

■ 46, 8.956, 311.988

■ 42, 16.832,
312.429

■ 50, 1.262, 311.511

■ 38, 24.852,

■ 54, 6.226, 131.227

312.886

58, 13.500,
130.877

35, 32.936,
313.346

61, 20.562,
130.567

31, 40.954,
313.782

65, 27.417,
130.292

28, 48.696,
314.157

69, 34.073,
130.048

25, 55.857,
314.414

73, 40.540,
129.833

22, 62.027,
314.481

76, 46.827,
129.645

20, 66.749,
314.274

80, 52.944,
129.481

18, 70.180,
314.058

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46, 8.956, 311.988



49, 8.837, 131.058

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46, 8.956, 311.988



46, 8.956, 1.988



46, 8.956, 131.988



46, 8.956, 181.988

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46, 8.955, 311.986



63, 2.822, 311.603



47, 5.211, 263.825



33, 2.157, 311.639



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46, 8.955, 311.986



58, 13.334, 312.103



47, 9.613, 326.895



24, 4.381, 311.875



19, 72.232, 314.013



43, 122.168, 313.428

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46, 6.778, 348.641



58, 10.097, 348.898



49, 9.597, 145.625



24, 3.315, 348.398



26, 49.773, 7.073



54, 83.949, 9.959

Previews

White Background



This preview shows how the CIELCh color 46, 8.956, 311.988 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 46, 8.956, 311.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

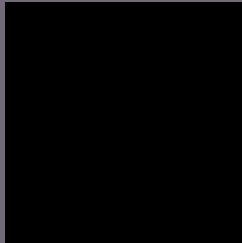
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 8.956, 311.988

Background



This preview shows how black text looks on a background with the CIELCh color 46, 8.956, 311.988.



This preview shows how white text looks on a background with the CIELCh color 46, 8.956, 311.988.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


46, 8.956, 311.988

Protanopia

46, 7.736, 288.369

Deuteranopia

46, 8.956, 311.988



Tritanopia
46, 5.365, 317.551

Trichromacy



Original Color

46, 8.956, 311.988

Protanomaly

46, 8.438, 299.318

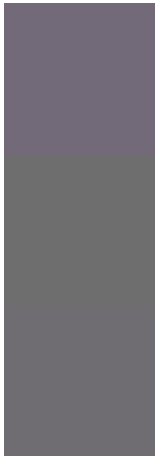
Deuteranomaly

46, 8.956, 311.988

Tritanomaly

46, 6.445, 312.807

Monochromacy



Original Color

46, 8.956, 311.988

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 3.090, 305.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 8.956, 311.988 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 106, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 106, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 8.956, 311.988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 106, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 106, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 106,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 8.956, 311.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 106, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114,  
106, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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